

# JVC

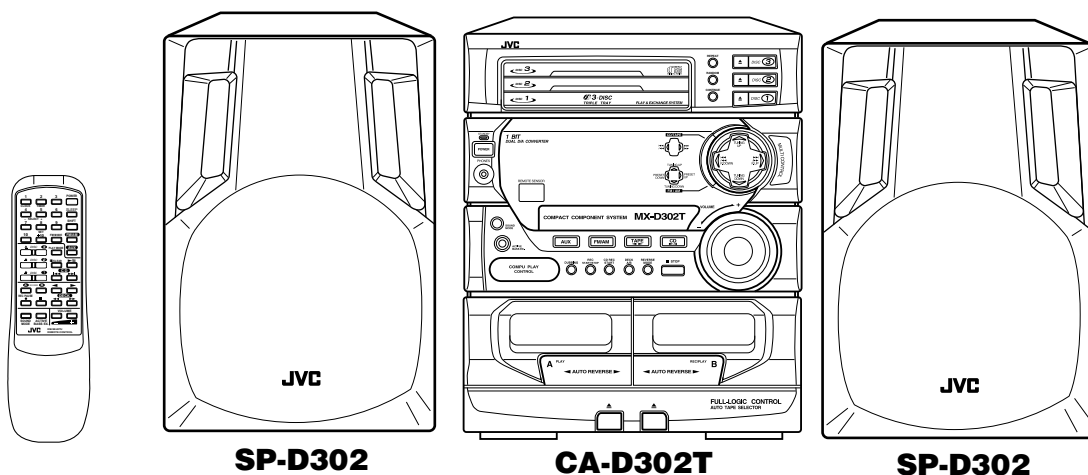


## COMPACT COMPONENT SYSTEM

# MX-D302T

Consists of CA-D302T and SP-D302.

COMPACT  
disc  
DIGITAL AUDIO



## INSTRUCTIONS

### For Customer Use:

Enter below the Model No. and Serial No. which are located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

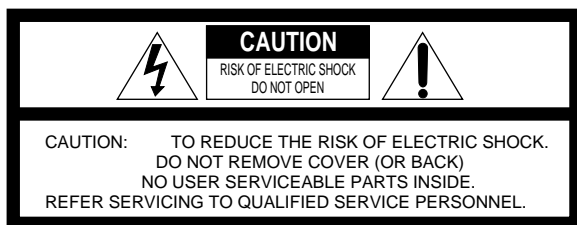
Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

GVT0002-001A  
[J]

# Warnings, Cautions and Others

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The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

## For Canada/pour le Canada

**CAUTION:** TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT

**ATTENTION:** POUR EVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND

## Caution — POWER switch!

Disconnect the mains plug to shut the power off completely. The POWER switch in any position does not disconnect the mains line. The power can be remote controlled.

## IMPORTANT FOR LASER PRODUCTS

1. CLASS 1 LASER PRODUCT
2. **DANGER:** Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
3. **CAUTION:** Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.

## CAUTION

To reduce the risk of electrical shocks, fire, etc.:

1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

Thank you for purchasing the JVC Compact Component System.  
We hope it will be a valued addition to your home, giving you years of enjoyment.  
Be sure to read this instruction manual carefully before operating your new stereo system.  
Here you will find all the information you need to set up and use the system.  
For questions that are not answered in the manual, please contact your dealer.

## Features

Easy operation



Great sound

Triple Tray

Here are some of the things that make your System powerful and easy to use.

- The controls and operations have been redesigned to make them very easy to use, so you can spend your time listening to music.
  - With the One Touch Operation feature of JVC's **COMPU PLAY** you can turn on the System and start the radio, the Cassette Deck, or the CD Player with a single touch.
- To get such great sound from such a compact package the System has:
  - Programmed sound mode includes live surround effects **D. CLUB, HALL, and STADIUM**. It also includes S.E.A (Sound Effect Amplifier) effects **ROCK, CLASSIC, and POP**.
- CD changer function can operate 3 discs.
  - Discs can be changed during play using the **TRIPLE TRAY**.
  - Continuous, random or program play of 3 discs.
- Includes a timer for recording broadcasts while you are out, and an easy-to-use Sleep timer.

## How This Manual Is Organized

In this manual we have incorporated some special features:

- Basic information that is the same for many different functions is grouped in one place, and not repeated in each procedure. For instance, in the section on playing a CD, we do not repeat the information about setting the volume and the sound conditions, which are discussed in the Common Operations section.
- Name of buttons and controls are written in all capital letters like this: **SOUND MODE**.

The manual has a table of contents to help you quickly look up what you want to know.  
We've enjoyed making this manual for you, and hope you will use it to enjoy the sound and many features built into your System.

## IMPORTANT CAUTIONS

### 1. Installation of the Unit

- Select a place which is level, dry and neither too hot nor too cold. (Between 5°C and 35°C or 41°F and 95°F.)
- Leave sufficient distance between the Unit and a TV.
- Do not use the Unit in a place subject to vibrations.

### 2. Power cord

- Do not handle the power cord with wet hands!
- Some power (9 watts) is always consumed as long as the power cord is connected to the wall outlet.
- When unplugging the Unit from the wall outlet, always pull the plug, not the power cord.

### 3. Malfunctions, etc.

- There are no user-serviceable parts inside. If anything goes wrong, unplug the power cord and consult your dealer.
- Do not insert any metallic object into the Unit.

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# Getting Started

## Accessories

Check that you have all of the following items, which are supplied with the System.

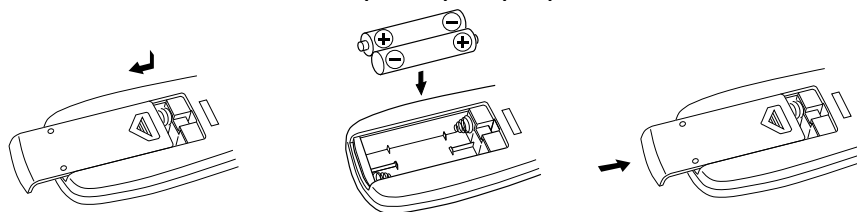
- AM Loop Antenna (1)
- Remote Control (1)
- Batteries (2)
- FM Wire Antenna (1)

If any of these items is missing, contact your dealer immediately.

## How to Put Batteries in the Remote Control

Match the polarity (+ and –) on the batteries with the + and – markings in the battery compartment.

R6P (SUM-3)/AA (15F)



### CAUTION: Handle batteries properly.

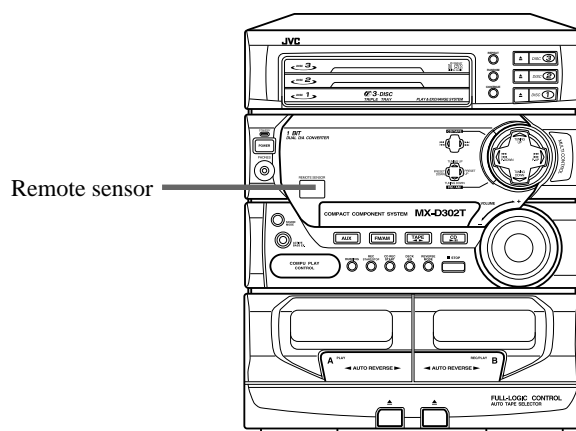
To avoid battery leakage or explosion:

- Remove batteries when the Remote Control will not be used for a long time.
- When you need to replace the batteries, replace both batteries at the same time with new ones.
- Do not use an old battery with a new one.
- Do not use different types of batteries together.

## Using the Remote Control

The Remote Control makes it easy to use many of the functions of the System from a distance of up to 7m (23 feet) away.

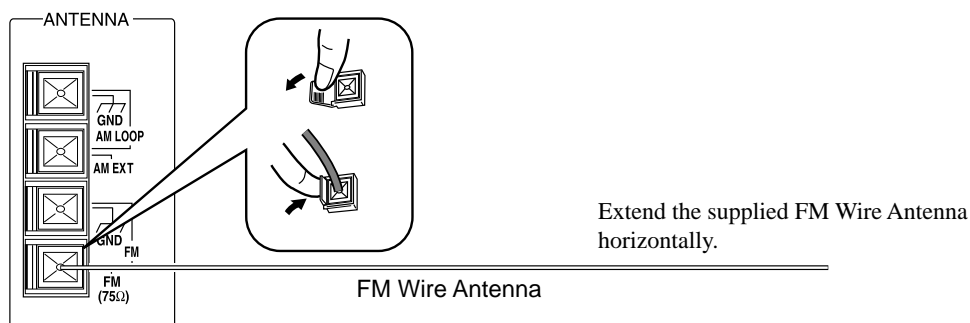
You need to point the Remote Control at the remote sensor on the System's front panel.



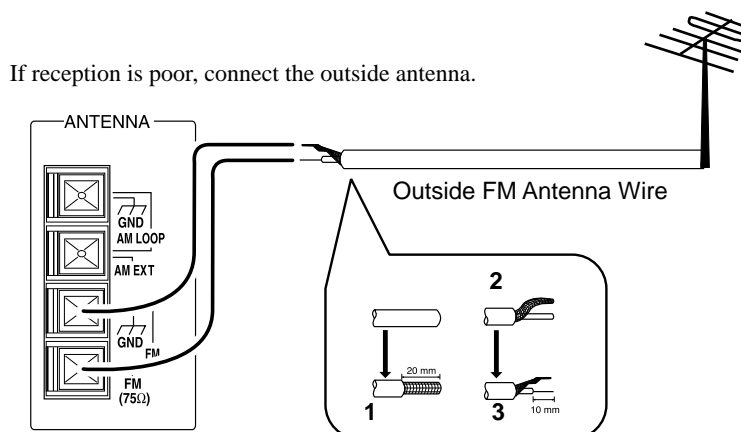
**CAUTION:** Make all connections before plugging the Unit into an AC power outlet.

## Connecting the FM Antenna

### Using the Supplied Wire Antenna



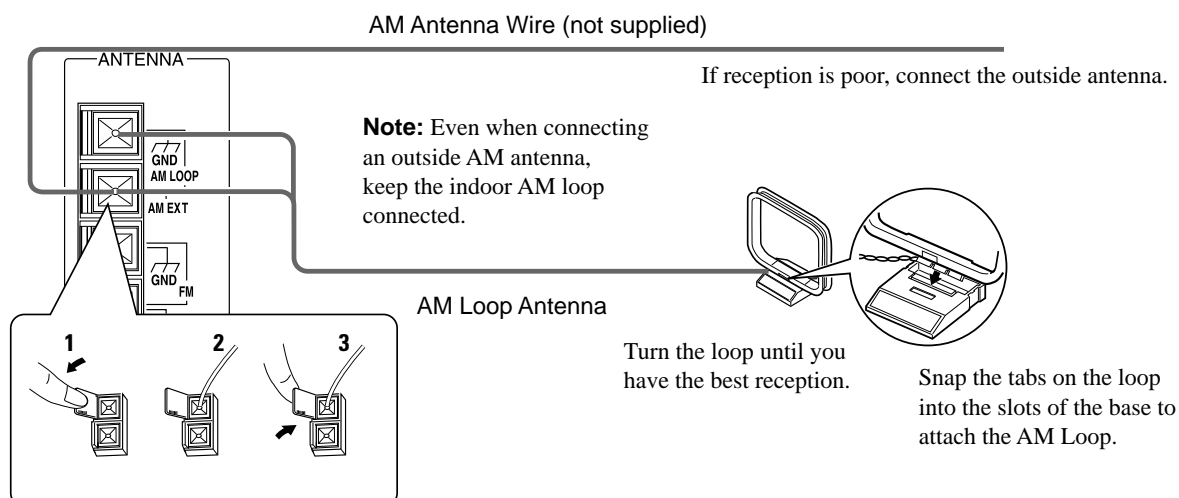
### Using an FM 75-Ohm Antenna Cable (not supplied)



Before attaching a 75-ohm coaxial lead (the kind with a round wire going to an outside antenna), disconnect the supplied FM Wire Antenna.

**CAUTION:** To avoid noise, keep antennas away from metallic parts of the System, connecting cord and the AC power cord.

## Connecting the AM Antenna



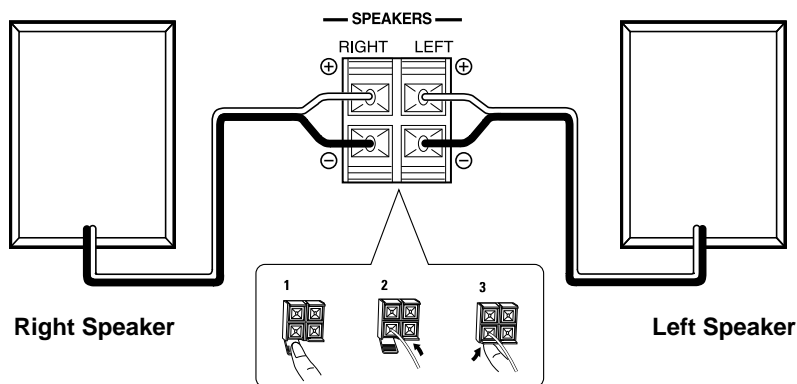
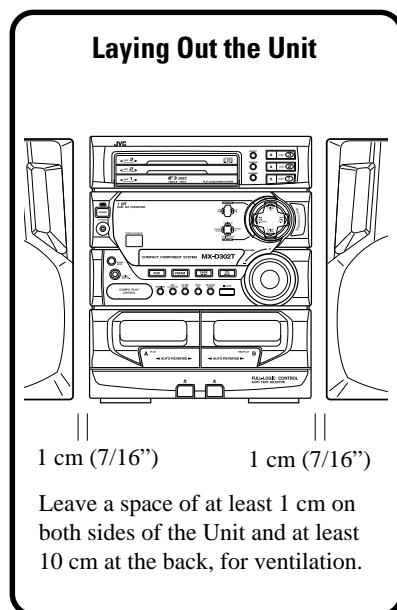
**CAUTION: Make all connections before plugging the Unit into an AC power outlet.**

## Connecting the Speakers

For each speaker, connect one end of the speaker wire to the speaker terminals on the back of the System.

1. Open each of the terminals and insert the speaker wires firmly, then close the terminals.
2. Connect the red (+) and black (–) terminals of the right side speaker to the red (+) and black (–) terminals marked RIGHT on the System.

Connect the red (+) and black (–) terminals of the left side speaker to the red (+) and black (–) terminals marked LEFT on the System.

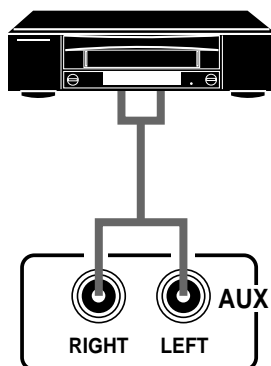


**IMPORTANT: Use speakers with the correct impedance only. The correct impedance is indicated on the back panel.**  
**CAUTION: If a TV is installed near speakers, the TV may display irregular colors. In this case, set the speakers away from the TV.**

## Connecting Auxiliary Equipment

### VCR or other equipment

To listen to this source, press the AUX button.



**Now you can plug the AC power cord into the wall outlet, and your System is at your command!**

# COMPU PLAY

COMPU PLAY is JVC's feature that lets you control the most frequently used functions of the System with a single touch.

One Touch Operation starts playing a CD, turns on the radio, plays a tape, etc. with a single press of the play button for that function. What One Touch Operation does for you is to turn the power on, then start the function you have specified. If the Unit is not ready, such as no CD or tape in place, the Unit still powers on so you can insert a CD or tape.

How One Touch Operation works in each case is explained in the section dealing with that function.

The COMPU PLAY buttons are:

## On the Unit

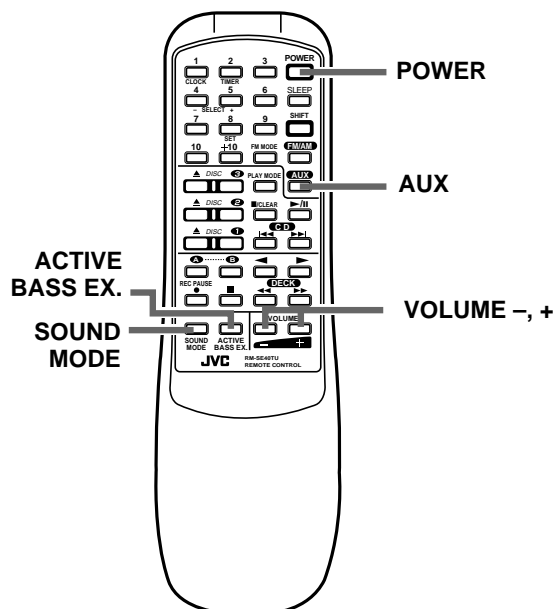
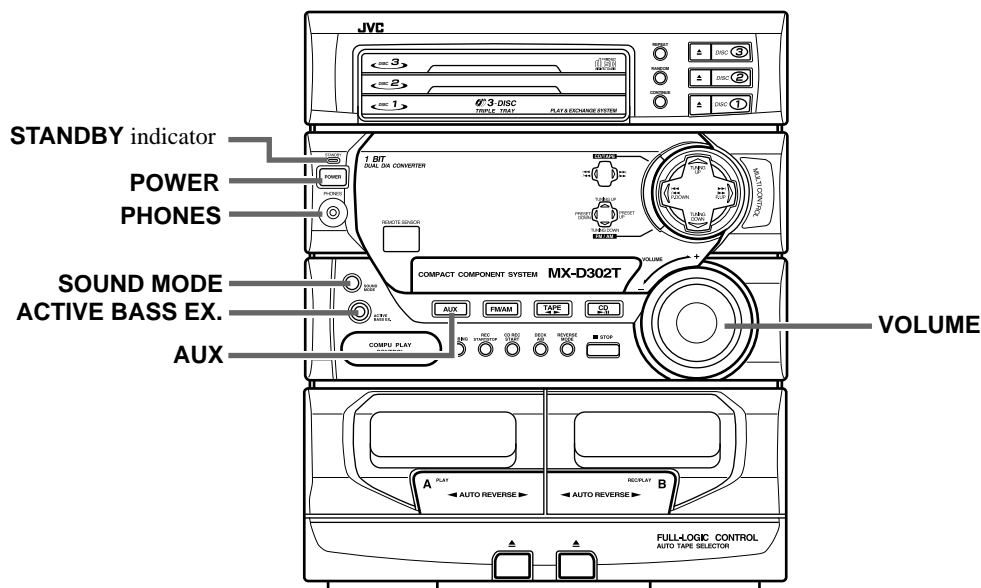
- CD ►/|| button
- CD Player DISC 1 to DISC 3 buttons
- CD Player Open/Close (▲) buttons
- FM/AM button
- TAPE ◀▶ button
- AUX button

## On the Remote Control

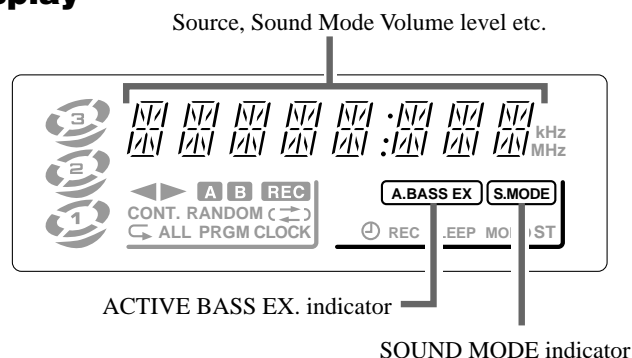
- FM/AM button
- AUX button
- CD control ►/|| button
- CD control DISC 1 to DISC 3 buttons
- CD control Open/Close (▲) buttons
- Deck control ◀, ▶ buttons



# Common Operations



## Display



When the System is being used, the display shows other items as well. However, we have only shown the items described in this section.

## Turning the Power On and Off

### Turning the System On Press the POWER button.

The display comes on and the STANDBY indicator goes out.

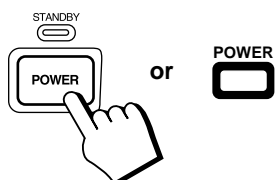
The System comes on ready to continue in the mode it was in when the power was last turned off.

- If the last thing you were doing was listening to a tape in Deck B, you are now ready to listen to a tape again in Deck B, or you can change to another source.
- If you were listening to the Tuner last, the Tuner comes on playing the station it was last set to.

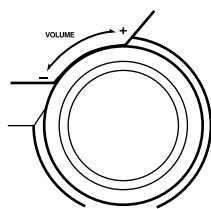
### Turning the System Off Press the POWER button again.

The STANDBY indicator lights up and the display is blank, except for the clock display.

- Some power (9 watts) is always consumed even though power is turned off (called Standby Mode).
- To switch off the Unit completely, unplug the AC power cord from the AC outlet. When you unplug the AC power cord, the clock will be reset to AM12:00 immediately, and preset Tuner stations will be erased in a few days.



## Adjusting the Volume



or



Turn the VOLUME control clockwise to increase the volume or anticlockwise to decrease it. Turning the VOLUME control quickly also adjusts the volume level quickly. When using the Remote Control, press the VOLUME + button to increase the volume or press the VOLUME – button to decrease it. You can adjust the volume level between 0 and 50.

VOLUME

**CAUTION: The Volume cannot be adjusted while the Unit is in STANDBY mode. DO NOT turn on the Unit and/or start playing any source without setting the VOLUME control to 0; otherwise, the sudden blast of sound can damage your hearing, speakers and/or headphones.**

### For private listening

Connect a pair of headphones to the PHONES jack. No sound comes out of the speakers. Be sure to turn down the volume before connecting or putting on headphones.

## Reinforcing the Bass Sound

The richness and fullness of the bass sound is maintained regardless of how low you set the volume. You can use this effect only for playback.



or



**To get the effect,** press the ACTIVE BASS EX. (Active Bass Extension) button. The frame around the A. BASS EX indicator lights up.

**A.BASS EX**

**To cancel the effect,** press the button again.

The frame around the A. BASS EX indicator goes off.

**A.BASS EX**

## Sound Modes

The System has some preset sound effects that give you control of the way your music sounds, so you can tailor it for your room and for the quality of the source. We can give you some idea of how each one affects the music, but the only way to really tell is to try them yourself.

- The preset sound modes include modes using surround effects and modes using S.E.A. effects.
- Sound Mode effects cannot be recorded.

### Surround effect modes

- |                             |   |
|-----------------------------|---|
| <b>D. CLUB (Dance Club)</b> | Increases resonance and bass.                                   |
| <b>HALL</b>                 | Adds depth and brilliance to the sound, like in a concert hall. |
| <b>STADIUM</b>              | Adds clarity and spreads the sound, like in an outdoor stadium. |

### S.E.A. effect modes

- |                |  |
|----------------|--|
| <b>ROCK</b>    | Boosts low and high frequencies.               |
| <b>CLASSIC</b> | Set for wide and dynamic sound stereo systems. |
| <b>POP</b>     | Good for vocal music.                          |



or



**To get an effect,** press the SOUND MODE button repeatedly until the Sound Mode you want appears on the display. The frame around the S.MODE indicator lights up. Each time you press the SOUND MODE button, the display changes as follows:

**S.MODE**

→ D. CLUB → HALL → STADIUM → ROCK → CLASSIC → POP → FLAT → (back to the beginning)

**To cancel an effect,** press the SOUND MODE button until “FLAT” appears on the display. The frame around the S. MODE indicator goes out.

**S.MODE**

**To recall the previous Sound Mode,** press the SOUND MODE button again.

# Listening to Auxiliary Equipment

By playing the sound from auxiliary equipment through the System, you can gain control over how the music or program sounds. Once the connected equipment is playing through the System, you can apply the sound effects.



■ First make sure that the optional equipment is properly connected to the System. (See page 5).

## 1. Set the **VOLUME** control to 0.

## 2. Press the **AUX** button.

When System is in Standby mode, the Unit is automatically turned on and “AUX” appears on the display. The AUX button on the Unit lights up.

AUX

## 3. Start playing the equipment.

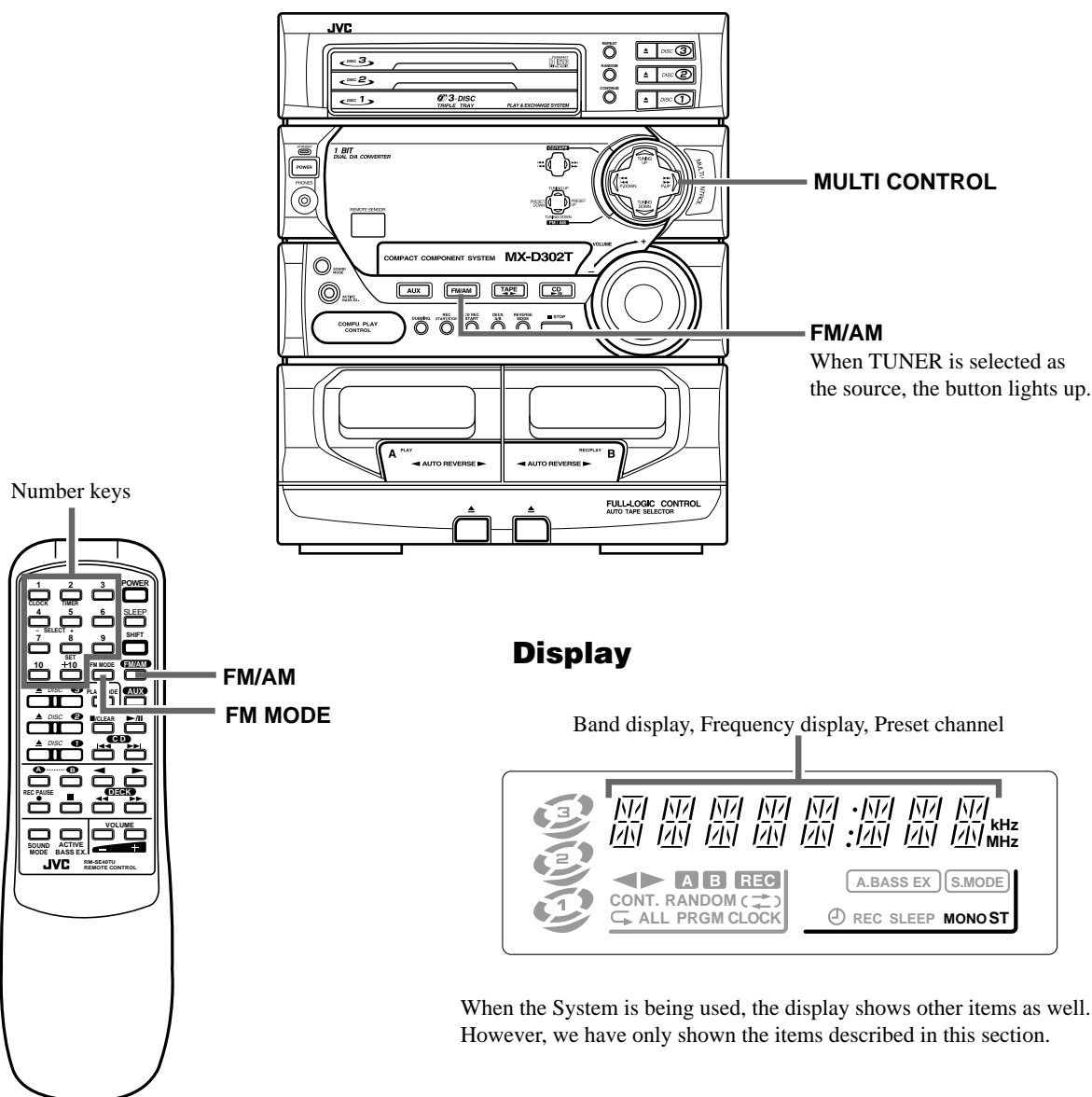
## 4. Adjust the **VOLUME** control to the desired listening level.

## 5. Select a Sound Mode, if you wish.

### To Cancel the Setting

Change the source by starting any one of the System’s built-in sound sources, such as the Tuner or CD Player.

# Using the Tuner



When the System is being used, the display shows other items as well. However, we have only shown the items described in this section.

You can listen to both FM and AM stations. Stations can be tuned in manually, automatically, or from preset memory storage.

■ Before listening to the radio:

- Check that both the FM and AM antennas are firmly connected. (See page 4).



## One Touch Radio

Just press the FM/AM button to turn on the Unit and start playing the most recent station tuned in.

■ You can switch from any other sound source to the radio by pressing the FM/AM button.

## Tuning In a Station

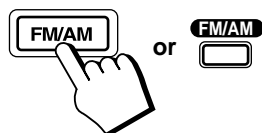
Press the FM/AM button to turn on the radio.

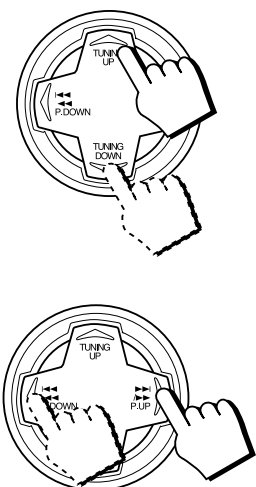
The Frequency of the previously selected channel appears on the display.

## Switching between Frequency Bands

**Press the FM/AM button.**

Each time you press the button, the band alternates between FM and AM.





## Three Ways to Select a Station

■ Press the TUNING DOWN or TUNING UP on the MULTI CONTROL repeatedly to move from frequency to frequency until you find the one you want. (Manual Tuning).

OR

■ Press and hold the TUNING DOWN or TUNING UP on the MULTI CONTROL for a few seconds, the frequency starts changing on the display. When a station is tuned in, the frequency stops changing. (Auto Tuning).

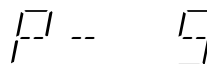
OR

■ Possible only after presetting stations.

Press once and release the P. DOWN or P. UP on the MULTI CONTROL to go to the next preset station.

**You can also use the Remote Control to tune in preset channels:**

1. Press the FM/AM button so that you can receive the most recent station tuned in.
2. Select the station by entering the preset number in the number keys of the Remote Control.
  - Example: for channel 5, press 5. For channel 15, press +10 then 5. For channel 20, press +10, then 10. For channel 30, press +10 twice then 10.



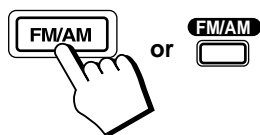
- After you have selected the preset number and the number is displayed, the broadcast frequency of the selected channel is displayed.

## Presetting Stations

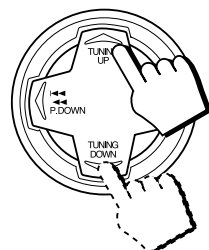
You can preset up to 30 FM stations and up to 15 AM stations for the preset numbers.

**Note:** In some cases, test frequencies have been already memorized for the tuner since the factory examined the tuner preset function before shipment. This is not a malfunction. You can preset the stations you want into memory by following the presetting method.

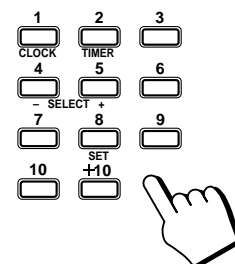
1



2



3



**1. Select a band by pressing the FM/AM button.**

**2. Press the TUNING DOWN or TUNING UP on the MULTI CONTROL to tune into a station.**

**3. Press and hold the number keys on the Remote Control for a few seconds to set the preset number.**

**For preset numbers 1 to 10:**

Press the number key for the preset number you want to set.

**For preset numbers 11 to 20:**

Press the 1 to 10 buttons after pressing the +10 button.

**For preset numbers 21 to 30:**

Press the 1 to 10 buttons after pressing the +10 button twice.

The preset number appears in the display after you have pressed the number keys. If you press and hold the button, the preset number display blinks. Release the button after the number starts to blink. This completes the preset setting.

**4. Repeat steps 1 to 3 for each station you want to store in memory with a preset number.**

**CAUTION:** If the Unit is unplugged or if a power failure occurs, the preset stations will be erased in a few days. If this happens, preset the station again.

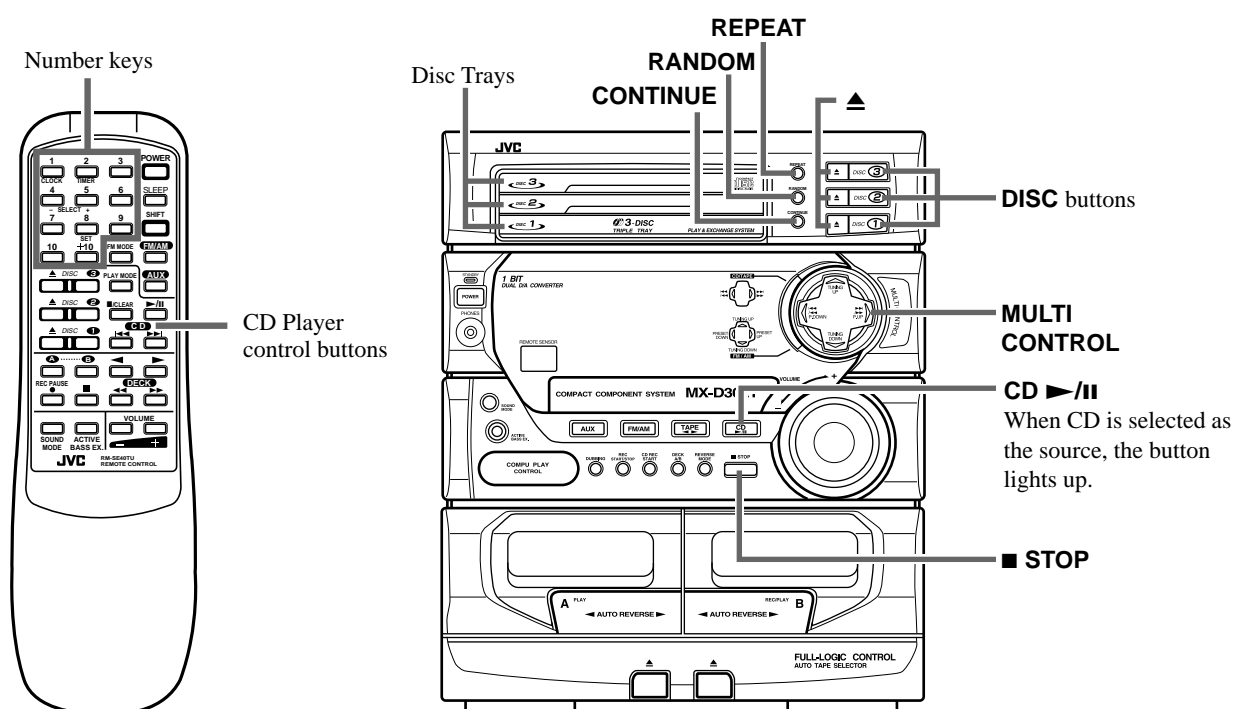
## Changing the FM Reception Mode



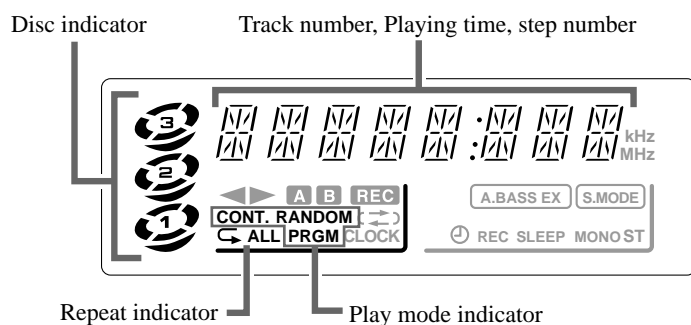
When an FM stereo broadcast is hard to receive or noisy, press the FM MODE button on the Remote Control so that the MONO indicator lights up in the display. Reception improves, but there is no stereo effect.

**To restore the stereo effect,** press the FM MODE button on the Remote Control so that the MONO indicator goes off. In this stereo mode, the ST indicator lights up and you can hear stereo effects, when a program is broadcast in stereo.

## Using the CD Player



## Display



Disc marker

### Disc indicators

A disc marker lights up for the disc number you have selected. The disc indicator blinks while a CD is being played.

The disc indicator goes off when CD Player has detected that there is no disc in the disc tray.

When the System is being used, the display shows other items as well. However, we have only shown the items described in this section.

The System's CD Player has an Automatic Changer with 3 disc trays. You can use Continuous, Random, Program or Repeat Play for the discs in DISC 1, DISC 2 and DISC 3. Repeat Play can repeat all the tracks on all the CD's or one track on one CD. There is also the Tray Lock function, which safely keeps discs in the trays.

Here are the basic things you need to know to play a CD and locate the different selections on it. Each selection is called a track, so when we are talking about locating a track, we are also talking about how you find a certain song or performance.

## The Quickest Way to Start a CD Is with the One Touch Operation

■ Press the CD ►/|| button (or the ►/|| button on the Remote Control).

**For Normal Play (Play mode indicator is not lit):**

- If there is a CD in the disc tray for the selected disc number, the power is automatically turned on and the CD is played from the first track.
- If there is no CD in the disc tray for the selected disc number, the power is automatically turned on and “NO DISC” appears on the display. The CD Player is in stop mode.

**For Continuous Play or Random Play in Display mode**

**(CONT. or RANDOM indicators are lit):**

- If there is a CD in the disc tray for the selected disc number, the power is automatically turned on and the CD is played continuously from the first track or the tracks are played in random order.
- If there is no CD in the disc tray for the selected disc number, the power is automatically turned on and other tray containing a CD is selected and is played continuously from the first track or the tracks are played in random order.
- If there are no CDs in CD player, the power is automatically turned on and “NO DISC” appears on the display in Normal Play mode. The CD Player is in stop mode.

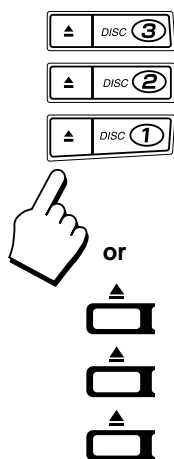
■ Press a DISC button (1 to 3).

- If there is a CD in the disc tray for the selected disc number, the power is automatically turned on and playback starts from the selected CD.
- If there are no CDs in CD Player, the power is automatically turned on and “NO DISC” appears on the display in Normal Play mode. The CD Player is set to stop mode.

■ Press the ▲ button.

- The power turns on, and the tray opens automatically.

## Loading Discs

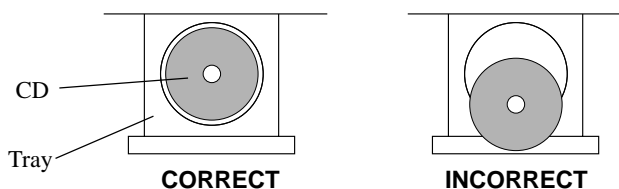


**1. Press the ▲ button on the left of the Disc button you want to insert the disc into.**

The disc tray slides out automatically.

**2. Place a CD, with its label side up, onto the tray.**

**ATTENTION:** To avoid malfunctions when you play a CD, set the CD in the right place at the center of the tray.



**3. Press the ▲ button to close the tray.**

**4. Repeat steps 1 to 3 to insert other discs into other trays.**

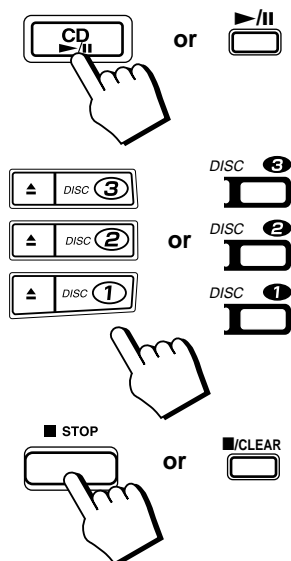
- To continue putting discs into other trays, even if a tray is open, by pressing the ▲ button of another disc tray, the open tray will close automatically, and the new disc tray will slide out.

■ To put an 8 cm CD into a tray, insert it so that it is aligned with the groove in the tray's centre.

■ If a tray is open when the System switches to Standby mode, the tray is closed automatically.

■ If the CD cannot be read correctly (due to scratches etc.), “00 00000” appears on the display.

# Basics of Using the CD Player — Normal Play



## Playing a Disc

### 1. Prepare the discs.

### 2. Press the CD ►/|| or DISC button (1-3) of the disc you want to play.

When using the Remote Control, press the ►/|| button or the DISC button (1 to 3).

The first track of the selected disc will begin playing.

The CD Player automatically stops when the playback finishes the last track of the CD.

- If these buttons are pressed while the tray is open, the tray is automatically closed and playback starts.

To stop play the disc, press the ■ STOP button (or the ■/CLEAR button on the Remote Control).

To stop play and remove the disc, press the ▲ button for the disc being played.

To pause, press the CD ►/|| button (or the ►/|| button on the Remote Control). The playing time display will blink.

To cancel pause, press the CD ►/|| button again (or press the ►/|| button on the Remote Control). Play continues from the point where it was paused.

## Selecting a Disc, Track Or Passage Within a Track

### 1. Press the DISC button (1-3) for the disc tray containing the track you want to listen to.

- Example: for the third disc, press 3.

### 2. Press the ◀◀/▶▶ P. DOWN or ▶▶/▶▶ P. UP on the MULTI CONTROL to select the track.

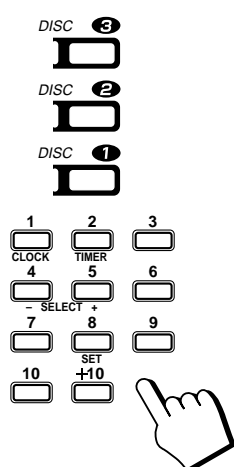
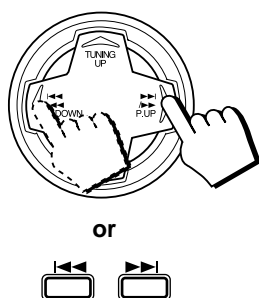
When using the Remote Control, press the ◀◀ or ▶▶ button.

The selected track starts playing.

Each time you briefly press and release the ◀◀/▶▶ P. DOWN or ▶▶/▶▶ P. UP, the track changes by one.

- Press and release the ▶▶/▶▶ P. UP to go ahead one track at a time.
- Press and release the ◀◀/▶▶ P. DOWN to go back one track at a time.

Holding down the ◀◀/▶▶ P. DOWN or ▶▶/▶▶ P. UP button, during playback, will fast forward/backwards the CD so you can quickly find a particular passage in the selection you are listening to.



## Locating a Track With the Remote Control Directly

Using the number keys on the Remote Control allows you to go directly to the beginning of any track.

### 1. Press the DISC button (1-3) for the disc tray containing the track you want to listen to.

- Example: for the third disc, press 3.

### 2. Enter the number of the track you want to listen to with the number keys.

The selected track starts playing.

- Example: for track 5, press 5. For track 15, press +10 then 5. For track 20, press +10, then 10. For track 32, press +10 three times, then 2.

## Changing Discs While Playing

You can replace a CD in a tray not being used, while another CD is playing.

### 1. Press the ▲ button of the tray not being used.

The tray opens.

### 2. Replace the disc in the tray.

### 3. Press the ▲ button to close the tray.



# Continuous Play

This function plays the discs in the Unit continuously.



## 1. Prepare the discs.

## 2. Select Continuous mode.

### On the Unit

#### Press the **CONTINUE** button.

The playback automatically starts from the selected CD.

- The CONT. indicator lights up.

You can press the CONTINUE button while a CD is playing to switch to Continuous mode.

### On the Remote Control

#### 1. Press the **PLAY MODE** button while the CD Player is stopped, to select **"CONTINUE"**.

- The CONT. indicator lights up.  
Each time you press the button, CD play mode changes as follows:

→ **PROGRAM** → **RANDOM** → **CONTINUE** → No play mode display → (back to the beginning)

#### 2. Press the **DISC** button (1 to 3) or **▶/II** button.

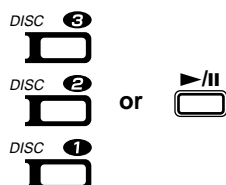
Playback starts from the selected CD.

### Playing order of the CDs

The selected CDs are played continuously in the following order.

→ **DISC 1** → **DISC 2** → **DISC 3** → (back to the beginning)

To cancel Continuous play, press the CONTINUE button again. The "CONT." indicator on the display goes out and Normal Play is resumed. When using the Remote Control, press the PLAY MODE button while the CD Player is stopped to select a different Play mode. The "CONT." indicator goes out and the next Play mode is selected.



# Programming the Playing Order of the Tracks

You can change the order in which the discs and tracks play, and select only the discs and tracks you want from among those loaded in the CD Player.

- You can program up to 20 steps in any desired order from among the discs in the CD player.
- You can only make a program when the CD Player is stopped.
- Use the Remote Control.



## 1. Press the **PLAY MODE** button to select **"PROGRAM"**.

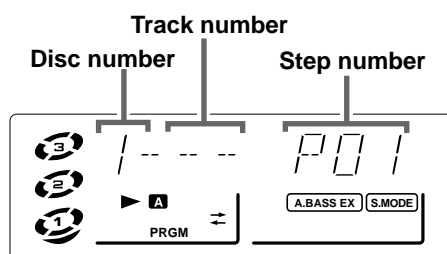
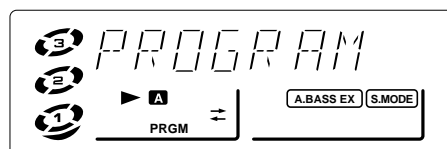
Each time you press the button, CD play mode changes as follows:

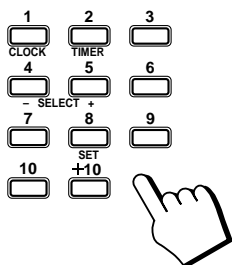
→ **PROGRAM** → **RANDOM** → **CONTINUE** → No play mode display → (back to the beginning)

- The PRGM indicator lights up.
- If a program is already in progress, the last step of the program is displayed.

## 2. Select a disc with the **DISC** buttons (1 to 3).

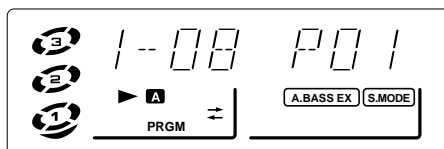
The display changes to the Program Entry display.





### 3. Press the number keys (1 to 10 and +10) to select the track to program.

- Example: for track 5, press 5. For track 15, press +10 then 5. For track 20, press +10 then 10.



### 4. Repeat steps 1 to 3 to select the other tracks for the program.

### 5. Press the ►/|| button.

The Unit plays the tracks in the order you have programmed them.

- If you try to program a disc tray that is empty, or a track number that does not exist on a disc (for example, selecting track 14 on a disc that only has 12 tracks), the selected disc or track are skipped when the program is played.
- You can skip to a particular program step by pressing the MULTI CONTROL (◀◀/▶▶ P. DOWN or ▶▶/▶▶ P. UP) or the ◀◀ or ▶▶ button on the Remote Control during program play.
- To play the programmed tracks over and over, press the REPEAT button. The Repeat mode indicators light up in sequence with each press of the REPEAT button.

**To stop playing,** press the ■ STOP button (or the ■/CLEAR button on the Remote Control) once.

**To delete all the tracks in a program,** press the ■ STOP button on the Unit or the ■/CLEAR button on the Remote Control while the CD Player is stopped. The program is deleted and the PRGM indicator goes out and Normal Play is resumed.

**To cancel program play,** press the PLAY MODE button on the Remote Control while the CD Player is stopped to select a different Play mode. The PRGM indicator goes out and the next Play mode is selected.

**Note:** If you press the CONTINUE or RANDOM button on the Unit while a program is playing, the play mode changes to that mode.

## Random Play

The tracks will play in no special order when you use this mode.

### On the Unit

#### Press the RANDOM button.

The playback automatically starts from the selected CD.

- “RANDOM” on the Play mode indicator lights up.

You can press the RANDOM button while a CD is playing to switch to Random play mode.

### On the Remote Control

#### 1. Press the PLAY MODE button while the CD Player is stopped, to select “RANDOM”.

- The RANDOM indicator lights up.  
Each time you press the button, CD play mode changes as follows:

→ **PROGRAM** → **RANDOM** → **CONTINUE** → No play mode display → (back to the beginning)

#### 2. Press the ►/|| button.

Playback starts from the selected CD.

**Note:** Random Play cannot be activated with the DISC button (1 to 3) and the number keys.

**To skip to the next track,** press the ▶▶/▶▶ P. UP on the MULTI CONTROL (or the ▶▶ button on the Remote Control) during playback. Each time you press the button, the next track is jumped to. Press the ◀◀/◀◀ P. DOWN on the MULTI CONTROL (or the ◀◀ button on the Remote Control) to jump to the start of the track being played.

- Press the REPEAT button before or during random play to instruct the System to continue with a different random track selection after the last selection is played.

**To cancel random play,** press the RANDOM button again. The RANDOM indicator goes out and Normal Play is resumed. When using the Remote Control, press the PLAY MODE button while the CD Player is stopped to select a different Play mode. The RANDOM indicator goes off and the next Play mode is selected.



## Repeating a Selection or the Discs

You can have all the discs, the program or the individual selection currently playing repeat as many times as you like.



### Press the REPEAT button.

Each time you press the button, the Repeat Modes changes as follows.

→ → **ALL** → No indication → (back to the beginning)

- : Repeats one track on a CD.
- ALL**: For Normal Play, repeats all the tracks on the current CD.  
For Continuous Play or Random Play, repeats all the tracks on all the CDs in the CD Player.  
For Program Play, repeats all the tracks in the program.

To exit Repeat Mode, press the REPEAT button until the Repeat mode indicator on the display goes off.

## Tray Lock Function

In order to safely keep the discs in the CD Player, the three trays can be electronically locked in a single operation.

When the electronic lock is on, the trays cannot be opened even if the button is pressed.

This function can only be accessed by using the buttons on the Unit itself.

### Locking the Trays

1. Put the System's power into **STANDBY mode**.
2. While pressing the **STOP** button, press the button for **DISC 1's tray on the Unit**.

"LOCK ON" appears on the display to let you know that the trays have been locked.

LOCK ON

When the CD Player trays are locked, pressing the buttons displays the message "LOCK ON" on the display and the trays do not open. Also, the button cannot be used to automatically turn on the power.

### Unlocking the Trays

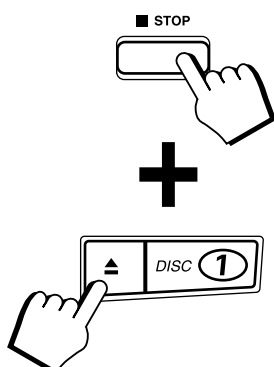
1. Put the System's power into **STANDBY mode**.
2. While pressing the **STOP** button, press the button for **DISC 1's tray on the Unit**.

When the unlock operation is done, "LOCK OFF" appears on the display to show that the lock has been taken off.

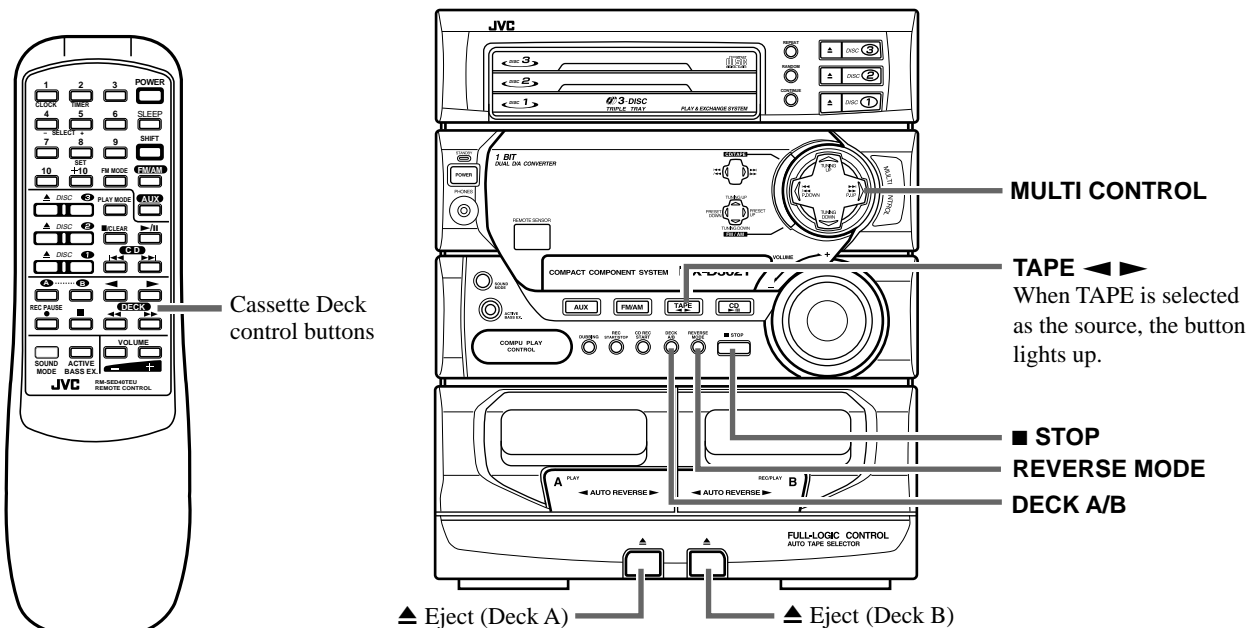
LOCK OFF

The trays can now be opened by pressing the buttons.

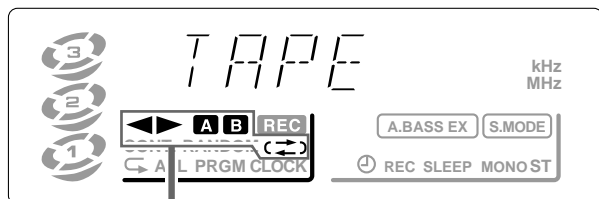
The button can also be used to automatically turn on the power.



# Using the Cassette Deck (Listening to a Tape)



## Display



- ◀▶ : Tape Direction indicator
- A B : DECK A, B indicator
- ↺↻ : Reverse Mode indicator

### Tape Direction Indicator on the Display

The Tape Direction indicator tells you which direction the selected tape deck will use for playback.

During playback, the direction indicator blinks slowly.

During fast left or fast right, the indicator blinks quickly.

During Music Scan mode, the direction indicator alternates between blinking slowly and quickly repeatedly.

When the System is being used, the display shows other items as well. However, we have only shown the items described in this section.

The Cassette Deck allows you to play, record and dub audio tapes.

■ With Automatic Tape Detection, you can listen to Type I or II tapes without changing any settings.

The use of tapes longer than 120 minutes is not recommended, since characteristic deterioration may occur and these tapes easily jam in the pinch-rollers and the capstans.



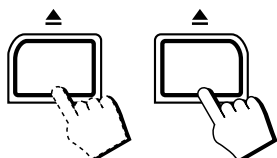
## One Touch Play

By pressing the TAPE ◀▶ button (or the ◀ or ▶ button on the Remote Control), the Unit will turn on, "TAPE" appears on the display, and if a tape is in the deck, it will start to play. If no tape is loaded, the Unit will turn on and wait for you to insert a tape, or select another function.

## Regular Play

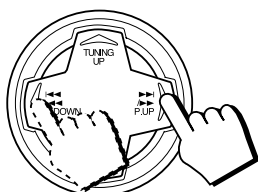
When the power is already on, you can use this basic procedure:

1. Press the ▲ button for the deck you want to use.
2. When the cassette holder opens, put a cassette in, with the exposed part of the tape down, toward the base of the System.
  - If the cassette holder does not open, turn the power off, then back on and press the ▲ button again.



### 3. Close the holder gently.

When both Deck A and Deck B contain a tape, the last deck to have a tape inserted is selected. To change the selected deck, press the DECK A/B button. When using the Remote Control, press the A or B button.



### 4. Press the TAPE ◀▶ button (or ◀ or ▶ button on the Remote Control).

**On the Unit:** The tape play starts toward the direction currently selected.

**On the Remote Control:** The tape play starts toward the same direction as the button is pressed for.

- The Cassette Deck automatically stops when one side of a tape has finished playing.

**To stop playing,** press the ■ STOP button on the Unit (or the ■ button on the Remote Control).

**To remove the tape,** stop the tape, and press the ▲ button.

**To change deck while playing a tape,** press the TAPE ◀▶ button after pressing the DECK A/B button on the Unit or press the ◀ or ▶ button after pressing the A or B button on the Remote Control.

### Fast Left And Fast Right

■ While the tape is stopped, press the ◀◀/◀ P. DOWN on the MULTI CONTROL (or ◀◀ button on the Remote Control) and the tape will wind rapidly to the left side of the cassette without playing.

■ While the tape is stopped, press the ▶▶/▶ P. UP on the MULTI CONTROL (or ▶▶ button on the Remote Control) and the tape will wind rapidly to the right side of the cassette without playing.

**Note:** Deck A and Deck B cannot be used for playback at the same time.

## Music Scan

To find the beginning of a music track during play, use the Music Scan function. Music Scan searches for blank portions that usually separate selections, then plays the next selection.

### Finding the Beginning of the Current Selection

**Press the ◀◀/◀ P. DOWN or ▶▶/▶ P. UP on the MULTI CONTROL (or the ◀◀ or ▶▶ button on the Remote Control) during play.**

■ Make sure that you press the ◀◀/◀ P. DOWN or ▶▶/▶ P. UP on the MULTI CONTROL (or the ◀◀ or ▶▶ button on the Remote Control) in the opposite direction to that in which the tape is playing. Searching stops at the beginning of the current selection, and the current selection starts automatically.

### Finding the Beginning of the Next Selection

**Press the ◀◀/◀ P. DOWN or ▶▶/▶ P. UP on the MULTI CONTROL (or the ◀◀ or ▶▶ button on the Remote Control) during play.**

■ Make sure that you press the ◀◀/◀ P. DOWN or ▶▶/▶ P. UP on the MULTI CONTROL (or the ◀◀ or ▶▶ button on the Remote Control) in the same direction as that in which the tape is playing. Searching stops at the beginning of the next selection, and the next selection starts automatically.

**Music Scan works by detecting a 4-second long blank at the beginning of each selection, so it will not work well if your tape has:**

- No blank at the beginning of a selection.
- Noise (often caused by much use or poor quality dubbing) which fills the blank with noise.
- Long, very soft passages or pauses in a selection. The scan will detect these as 4-second long blanks. If this happens, just scan again until you reach the selection you want.

## Reverse Mode

You can play both sides of a cassette, or play both the tapes in the two Cassette Decks continuously.

**Press the REVERSE MODE button to switch to Reverse Mode.**

Each time you press the button, the Reverse Mode changes as follows:

→ ⇄ → ⇄ (auto reverse mode) → (⇄) (auto reverse mode) → (back to the beginning)

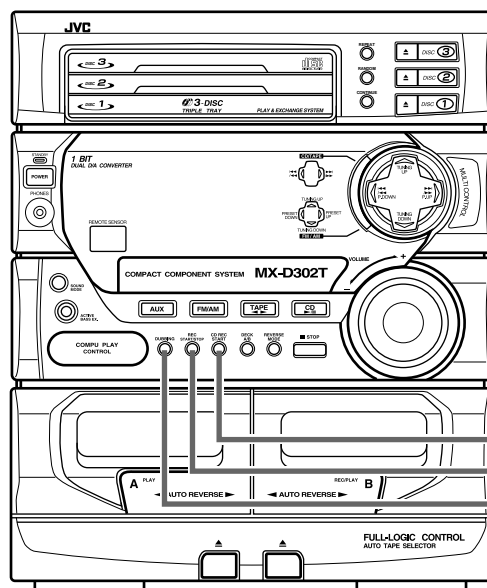
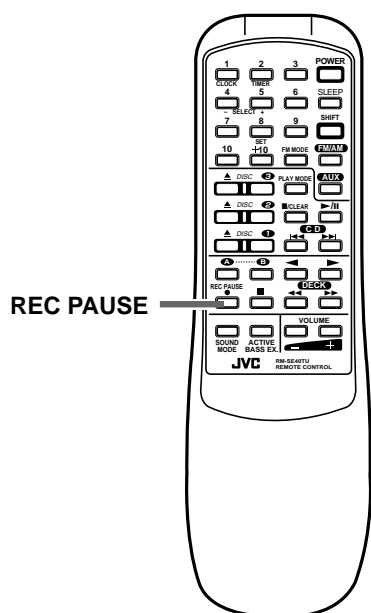
⇄ : The Cassette Deck automatically stops after playing one side of the tape.

⇄ : The Cassette Deck automatically stops after playing reverse (◀) side of the tape being played (or set to play).

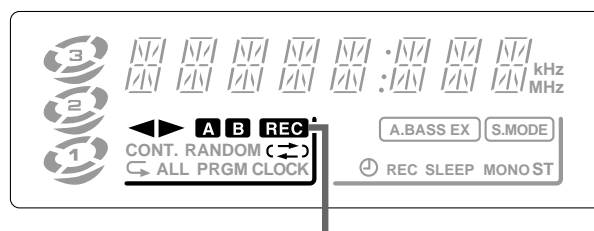
(⇄) : After playing both sides of the tape being played (or set to play), the Unit always checks to see if a tape is in the other deck. If there is, it automatically starts playing that tape. This Continuous Play function works regardless of which deck starts first. The tapes are played continuously until the ■ STOP button on the Unit (or the ■ button on the Remote Control) is pressed.



# Using the Cassette Deck (Recording)



## Display



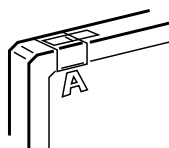
REC indicator

When the System is being used, the display shows other items as well. However, we have only shown the items described in this section.

## Things to Know before You Start Recording

- It should be noted that it may be unlawful to re-record pre-recorded tapes, records, or discs without the consent of the owner of copyright in the sound or video recording, broadcast or cable programme and in any literary, dramatic, musical, or artistic embodied therein.
- When you want to record onto both sides of a tape, you can set the auto reverse mode on to do so. However, recording automatically stops after recording in the ◀ direction in the auto reverse mode. Therefore, make sure that the tape direction is ▶ when recording with the auto reverse mode on.
- The recording level, which is the volume at which the new tape is being made, is automatically set correctly, so it is not affected by the VOLUME control on the System. Thus, during recording you can adjust the sound you are actually listening to without affecting the recording level.
- Two small tabs on the back of the cassette tape, one for side A and one for side B, can be removed to prevent accidental erasure or re-recording. To record on a cassette with the tabs removed, you must cover the holes with adhesive tape first. However, when a Type II tape is used, only cover part of the hole as shown, since the other part of the hole is used to detect the tape type.
- When recording, you can hear Sound Mode effects through the speakers or headphones. However, the sound is recorded without Sound Mode effects.
- Type I and Type II tapes can be used for recording.

**Note:** At the start and end of cassette tapes, there is leader tape which cannot be recorded onto. Depending on the recording source, the first part of the recording may be missing because of the leader. When recording CDs or radio broadcasts, to get the beginning of the recording on the tape, first wind on the leader before beginning recording.



**CAUTION:** If recordings you have made have excessive noise or static, the Unit may be too close to a TV which was on during the recording. Either turn off the TV or increase the distance between the TV and the System.

## Standard Recording

This is the basic method for recording any source. The System also has special ways for recording CD to tape, and tape to tape, which save you time and effort, as well as give you some special effects. However, when you need to add a selection to a tape you have made, or are combining selections from several sources on one tape, use the method described below; just substitute the source you want into this procedure, such as a CD or the Tuner. You can also record from auxiliary source with this procedure.

### Using the Unit

#### 1. Insert a blank or erasable tape into Deck B.

#### 2. Press the REVERSE MODE button if you want to record on both sides of the tape.

Press the button until the “↔” or “↔” indicator is lit.

- When using the auto reverse mode, insert the tape so that it will be recorded in the forward (▶) direction.

#### 3. Check the recording direction for the tape.

Check that the Tape Direction indicator is the same as that for the tape in the tape deck. If the directions are different, press the ■ STOP button after pressing the TAPE ◀▶ button to set the tape direction.

- When using the auto reverse mode to record both sides of a tape, check that the Tape Direction indicator is in the forward (▶) direction. If the direction indicator is not in the forward (▶) direction, press the TAPE ◀▶ button then press the ■ STOP button.

#### 4. Prepare the source, for example, by tuning in a radio station, loading CDs, or turning on connected equipment.

#### 5. Press the REC START/STOP button.

The REC indicator lights up and the System begins recording.



### Using the Remote Control

#### 1. Insert a blank or erasable tape into Deck B.

#### 2. Press the REVERSE MODE button on the Unit if you want to record on both sides of the tape.

Press the button until the “↔” or “↔” indicator is lit.

- When using the auto reverse mode, insert the tape so that it will be recorded in the forward (▶) direction.

#### 3. Prepare the source, for example, by tuning in a radio station, loading CDs, or turning on connected equipment.

#### 4. Press the REC PAUSE ● button.

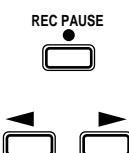
The REC indicator blinks.

#### 5. Press the ◀ or ▶ button.

Recording starts in the direction of the button pressed.

The REC indicator stops blinking and remains lit.

- When using the auto reverse mode to record both sides of a tape, press the ▶ button.



### Notes for using Reverse Mode for recording

When recording in Reverse Mode, the System automatically stops when it reaches the end of the reverse (◀) direction. To record on both sides of a tape, make sure that the recording direction for the tape inserted into Deck B is forward (▶), and that the Tape Direction indicator is also forward (▶), before you start recording.

### To Pause at Any Time During the Recording Process

Press the REC PAUSE ● button on the Remote Control. Then press either the ◀ or ▶ button on the Remote Control or REC START/STOP button on the Unit to restart recording.

### To Stop at Any Time During the Recording Process

Press the REC START/STOP button on the Unit again, or press the ■ button on the Remote Control.

## Recording AM Station to Tape

When recording an AM broadcast, beats may be produced which are not heard when listening to the broadcast. In this case, press the CONTINUE button on the CD Player to eliminate the beats.



### 1. Set to AM station and start recording.

### 2. Press the CONTINUE button repeatedly until the beats are eliminated.

Each time you press the button, the display changes as follows:

→ CUT 2 → CUT 3 → CUT 1 → (back to the beginning)

## CD Direct Recording

Everything on the CD goes onto the tape in the order it is on the CD, or according to the order you have set in a program.

### 1. Press the CD ►/II button, then the ■ STOP button.

### 2. Prepare CDs. (See page 13.)

Check that source is the CD Player and be not playing a CD.

### 3. Insert a cassette in Deck B to record on.

- When you want to record on both sides of a tape, press the REVERSE MODE button to turn on the auto reverse mode. Check that the recording direction for the tape and the Tape Direction indicator are correct. (See page 21 "Notes for using Reverse Mode for recording".)

### 4. Press the CD REC START button.

The REC indicator lights up and the System begins recording.

If you make a recording with the auto reverse mode on, the Unit will record the last song at the end of the first side at the beginning of the next side.



To stop at any time during the recording process, press the ■ STOP button.

**Note:** When making Sleep Timer settings while doing CD Direct recording, set the time so that there is enough leeway to finish the recording before the power goes off. If the time is set to about the length of the CD, the power may go off before recording finishes.

For CD Direct Recording using more than one disc, use a blank tape. If you use a prerecorded tape, prerecorded material may not be erased between newly-recorded tracks.

## Tape to Tape Recording (Dubbing)

Recording from one tape to another is called dubbing.

You can dub tapes simply, with just a single button.

- When dubbing tapes, make sure that the playback direction of Deck A and Deck B are the same.
- When you record both sides of a tape, press the REVERSE MODE button to turn on the auto reverse mode.
- It is preferable that the type of tape (Type I or Type II) you record from be the same as the type you record onto.

## How to Use the DUBBING Button

### 1. Press the TAPE ◀▶ button, then the ■ STOP button.

### 2. Insert the source cassette you want to copy from into Deck A for playback.

Insert the cassette so that it will be played in the forward (▶) direction.

### 3. Insert the blank or erasable cassette you want to copy onto into Deck B for recording.

Insert the cassette so that it will be recorded in the forward (▶) direction.

### 4. Press the DUBBING button.

Deck A and Deck B will start simultaneously.

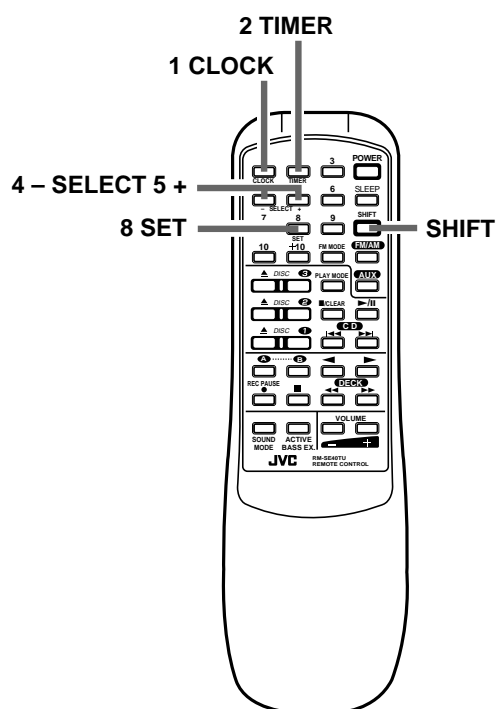
To stop dubbing, press the ■ STOP button.

- When dubbing with the DUBBING button, you can hear Sound Mode effects through the speakers or headphones. However, the sound is dubbed without Sound Mode effects.

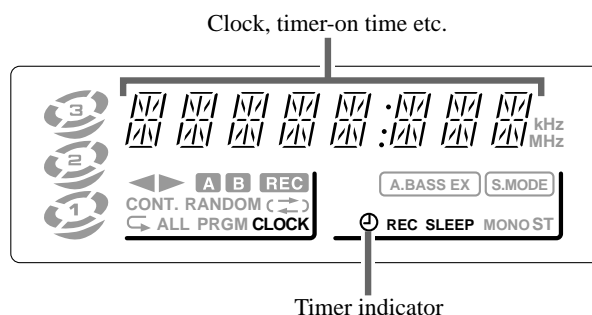




# Using the Timer



## Display



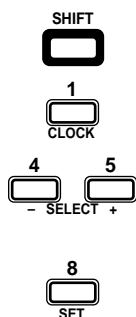
When the System is being used, the display shows other items as well. However, we have only shown the items described in this section.

The timers let you control listening and recording functions automatically. Use the Remote Control to set the clock and timers.

## Setting the Clock

The timers depend on the clock: the clock must be right for the timers to work as you expect. You can set the clock whether the Unit is on or off.

**Note that the clock must be set, otherwise the timers cannot be set.**



**1. Press the SHIFT button.**

**2. Press the 1 CLOCK button.**

The CLOCK indicator on the display lights up and the clock time blinks.

**3. Press the SELECT 5 + or 4 - button to set the time.**

Pressing the 5 + button increases the time and pressing 4 - decreases the time. Pressing the button continuously advances or decreases the time in 10 minute intervals.

**4. Press the 8 SET button.**

The clock stops blinking, and the clock timer starts from 0 seconds.

**CAUTION: If there is a power failure, the clock loses its setting. The display shows "AM12:00", and the clock must be reset.**

# Setting the Timer

■ You can set the Timer whether the Unit is on or off.

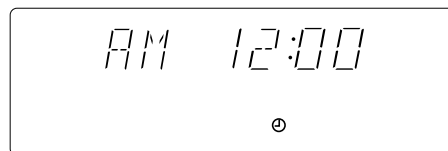
## Procedure For Setting the Timer



### 1. Press the SHIFT button.

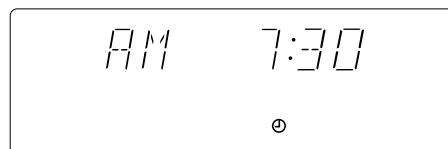
### 2. Press the 2 TIMER button.

The Timer indicator on the display lights up and the blinking “TIMER ON” changes to the On-Time setting display.



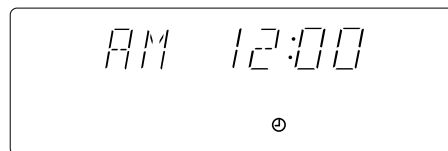
### 3. Set the time you want the Unit to come on.

Press the SELECT 5 + or 4 – button to set the On-Time.



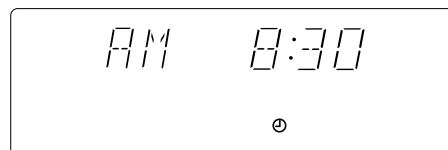
### 4. Press the 8 SET button.

“TIMER OFF” blinks on the display, and the display changes to the Off-Time setting display.



### 5. Set the time you want the Unit to turn off.

Press the SELECT 5 + or 4 – button to set the Off-Time.



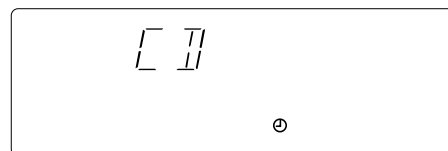
### 6. Press the 8 SET button.

The name of the source blinks in the display.



### 7. Press the SELECT 5 + or 4 – button to select the source.

Each time you press the button, the source changes as follows:



↔ TUNER ↔ TUNER REC ↔ CD ↔ TAPE ↔

**TUNER:** Selects the last station you were listening to.

**TUNER REC:** Records the last station you were listening to.

**CD:** Plays the last CD you were listening to.

**TAPE:** Plays the last tape you were listening to.

- In the source “TUNER”, “CD”, or “TAPE”, the timer acts as a Daily timer. Once the Daily timer has been set, it will be activated at the same time every day until the setting is turned off. In the source “TUNER REC”, the timer acts as a Once timer. After the Once timer has been performed, the details of the setting remain stored but the Timer status is set to off.



### 8. Press the 8 SET button.

The volume level blinks on the display.



### 9. Press the SELECT 5 + or 4 - button to set the volume level.



### 10. Press the 8 SET button.

The display returns to the display before you set the timer.

### Before Turning the Unit Off

- Check that the selected source is ready.
- If you will be recording a source while you are out, set the volume to 0.

To turn the Timer off, press the 2 TIMER button after pressing the SHIFT button. The Timer indicator on the display goes out.

## Setting the Sleep Timer

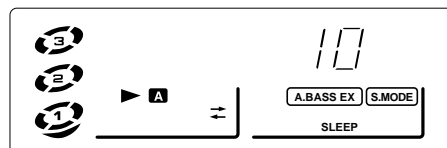
Use the Sleep Timer to turn the Unit off after a certain number of minutes when it is playing. By setting this timer, you can fall asleep to music and know your Unit will turn off by itself rather than play all night.

- You can only set the Sleep Timer when the Unit is on and a source is playing.

### To set the Sleep Timer, follow this procedure:



#### 1. With the System on and a source playing, press the SLEEP button on the Remote Control.



#### 2. Set the length of time you want the source to play before shutting off.

- Each time you press this button, the number of minutes shown on the display changes as follows:

→ 10 → 20 → 30 → 60 → 90 → 120 → Canceled → (back to the beginning)

When the number of minutes you want are shown on the display, just wait 5 seconds until the number of minutes stops blinking and remains lit.

The Unit is now set to turn off after the number of minutes you set.

### To Change the Sleep Timer Setting

Press the SLEEP button until the number of minutes you want appears on the display.

### To Cancel the Sleep Timer Setting

Press the SLEEP button until the SLEEP indicator goes off on the display.

Turning off the Unit also cancels the Sleep Timer.

# Care And Maintenance

## Compact Discs

Handle your compact discs, cassette tapes, and Cassette Deck carefully, and they will last a long time.



- Remove the CD from the case by holding it at the edges while pressing the centre hole lightly.
- Do not touch the shiny surface of the CD, or bend the CD.



- Put the CD back in its case after use to prevent warping.
- Be careful not to scratch the surface of the CD when placing it back in the case.
- Avoid exposure to direct sunlight, temperature extremes, and moisture.



- A dirty CD may not play correctly. If a CD does become dirty, wipe it with a soft cloth in a straight line from centre to edge.

**CAUTION: Do not use any solvent (for example, conventional record cleaner, spray thinner, benzine, etc.) to clean a CD.**

## Moisture Condensation



Moisture may condense on the lens inside the Unit in the following cases:

- After starting the heating in the room.
- In a damp room.
- If the Unit is brought directly from a cold to a warm place.

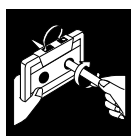
Should this occur, the Unit may malfunction. In this case, leave the Unit turned on for a few hours until the moisture evaporates, unplug the AC power cord, and then plug it in again.

## General Notes

In general, you will have the best performance by keeping your tapes, CDs, and the mechanism clean.

- Store tapes and CDs in their cases, and keep them in cabinets or on shelves.
- Keep the Cassette Deck's tape doors and the CD trays closed when not in use.

## Cassette Tapes



- If the tape is loose in its cassette, take up the slack by inserting a pencil in one of the reels and rotating.
- If the tape is loose, it may get stretched, cut, or caught in the cassette.



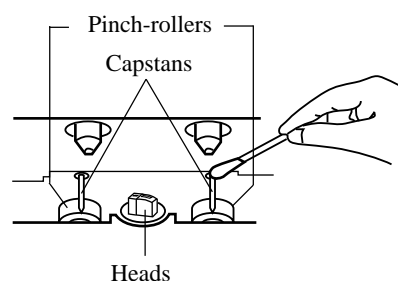
- Do not touch the tape surface.



- Do not store the tape:
  - In dusty places
  - In direct sunlight or heat
  - In moist areas
  - On a TV or speaker
  - Near a magnet

## Cassette Deck

- If the heads, capstans, and pinch-rollers of the Cassette Deck become dirty, the following will occur:
  - Loss of sound quality
  - Discontinuous sound
  - Fading
  - Incomplete erasure
  - Difficulty recording
- Clean the heads, capstans, and pinch-rollers using a cotton swab moistened with alcohol.



- If the heads become magnetized, the Unit will produce noise or lose high frequencies.
- To demagnetize the heads, turn off the Unit, and use a head demagnetizer (available at electronics and record shops).

# Troubleshooting

- If you are having a problem with your System, check this list for a possible solution before calling for service.
- If you cannot solve the problem from the hints given here, or the Unit has been physically damaged, call a qualified person, such as your dealer, for service.

Symptom	Possible Cause	Action
No sound is heard.	Connections are incorrect, or loose.	Check all connections and make corrections. (See pages 4 - 5.)
Unable to record.	Cassette record protect tabs are removed.	Cover holes on back edge of cassette with tape.
Poor radio reception	<ul style="list-style-type: none"> <li>• The antenna is disconnected.</li> <li>• The AM Loop Antenna is too close to the Unit.</li> <li>• The FM Wire Antenna is not properly extended and positioned.</li> </ul>	<ul style="list-style-type: none"> <li>• Reconnect the antenna securely.</li> <li>• Change the position and direction of the AM Loop Antenna.</li> <li>• Extend FM Wire Antenna to the best reception position.</li> </ul>
The CD skips.	The CD is dirty or scratched.	Clean or replace the CD.
Unable to operate the Remote Control.	<ul style="list-style-type: none"> <li>• The path between the Remote Control and the sensor on the Unit is blocked.</li> <li>• The batteries have lost their charge.</li> </ul>	<ul style="list-style-type: none"> <li>• Remove the obstruction.</li> <li>• Replace the batteries.</li> </ul>
The CD tray cannot be opened.	The main AC power cord is not plugged in.	Plug in the AC power plug.
The CD does not play.	The CD is upside down.	Put the CD in with the label side up.
Operations are disabled.	The built-in microprocessor has malfunctioned due to external electrical interference.	Unplug the Unit then plug it back in.
The cassette door cannot be opened.	During tape playing, the power cord was unplugged.	Plug in the power cord, press the POWER button, and then press the ▲ button.

## HOW TO LOCATE YOUR JVC SERVICE CENTER

**TOLL FREE : 1-800-537-5722**

Dear customer:

*In order to receive the most satisfaction from your purchase, read the instruction booklet before operating the unit. In the event that repair is necessary, or for the address nearest your location, please refer to the factory service center list below or within the Continental United States, Call 1-800-537—5722 for your authorized servicer. Remember to retain your Bill of Sale for Warranty Service.*

—JVC

### JVC SERVICE & ENGINEERING COMPANY OF AMERICA DIVISION OF US JVC CORP.

#### FACTORY SERVICE CENTER LOCATIONS

107 Little Falls Road  
Fairfield, NJ 07004-2105  
(201) 808-9279

1500 Lakes Parkway  
Lawrenceville, GA 30243-5357  
(770) 339-2522

705 Enterprise Street  
Aurora, IL 60504-8149  
(630) 851-7855

5665 Corporate Avenue  
Cypress, CA 90630-0024  
(714) 229-8011

2969 Mapunapuna Place  
Honolulu, HI 96819-2040  
(808) 833-5828

10700 Hammerly, Suite 110  
Houston, TX 77043  
(713) 935-9331

230 Eliot Street  
Ashland, MA 0172-2377  
(508) 881-5923

14505 Commerce Way  
Miami Lakes, FL 33016-1512  
(305) 362-6252

890 Dubuque Avenue  
South San Francisco, CA 94080-1804  
(415) 871-2666

*Sophisticated electronic products may require occasional service. Just as quality is a keyword in the engineering and production of the wide array of JVC products, service is the key to maintaining the high level of performance for which JVC is world famous. The JVC service and engineering organization stands behind our products.*

NATIONAL HEADQUARTERS  
JVC SERVICE & ENGINEERING COMPANY OF AMERICA  
DIVISION OF US JVC CORP.  
107 Little Falls Road  
Fairfield, NJ 07004-2105

#### **If you ship the product • • •**

*Pack your JVC unit in the original carton or one of equivalent size and strength. Enclose, with the unit, a letter stating the problem or symptom that exists and also a copy of the receipt or bill of sale you received when you purchased your JVC unit. Print your home return address on the outside and the inside of the carton. Send to the appropriate JVC Factory Service Center as listed above.*

#### **Don't service it yourself.**

#### **CAUTION**

*To prevent electrical shock, do not open the cabinet. No user serviceable parts inside.  
Refer servicing to qualified service personnel.*

#### **ACCESSORIES**

*To purchase accessories for your JVC product, you may contact your local JVC Dealer.  
Or from the 48 Continental United States call toll free : 800-882-2345*



## LIMITED WARRANTY AUDIO-1

JVC COMPANY OF AMERICA warrants this product and all parts thereof, except as set forth below ONLY TO THE ORIGINAL PURCHASER AT RETAIL to be FREE FROM DEFECTIVE MATERIAL AND WORKMANSHIP from the date of original retail purchase for the period as shown below. ("The Warranty Period.")

PARTS	LABOR
1YR	1YR

THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY(50) UNITED STATES, THE DISTRICT OF COLUMBIA AND IN COMMONWEALTH OF PUERTO RICO.

### WHAT WE WILL DO:

If this product is found to be defective, JVC will repair or replace defective parts at no charge to the original owner. Such repair and replacement services shall be rendered by JVC during normal business hours at JVC authorized service centers. Parts used for replacement are warranted only for the remainder of the Warranty Period. All products and parts thereof may be brought to a JVC authorized service center on a carry-in basis except for Television sets having a screen size 25 inches and above which are covered on an in-home basis.

### WHAT YOU MUST DO FOR WARRANTY SERVICE:

Return your product to a JVC authorized service center with a copy of your bill of sale. For your nearest JVC authorized service center, please call toll free: (800)537-5722.

If service is not available locally, box the product carefully, preferably in the original carton, and ship, insured, with a copy of your bill of sale plus and letter of explanation of the problem to the nearest JVC Factory Service Center, the name and location of which will be given to you by the toll-free number.

If you have any questions concerning your JVC Product, please contact our Customer Relations Department.

### WHAT IS NOT COVERED:

This limited warranty provided by JVC does not cover:

1. Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products, or if the model or serial number has been altered, tampered with, defaced or removed;
2. Initial installation and installation and removal for repair;
3. Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning;
4. Damage that occurs in shipment, due to act of God, and cosmetic damage;
5. Signal reception problems and failures due to line power surge;
6. Video Pick-up Tubes/CCD Image Sensor, Cartridge, Stylus(Needle) are covered for 90 days from the date of purchase;
7. Accessories;
8. Batteries (except the Rechargeable Batteries are covered for 90 days from the date of purchase);

There are no express warranties except as listed above.

THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN.

JVC SHALL NOT BE LIABLE FOR THE LOSS OF USE THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER DAMAGES, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTIAL (INCLUDING, WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion of incidental or consequential damages or limitations on how long an implied warranty last, so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

JVC COMPANY OF AMERICA  
DIVISION OF US JVC CORP.

41 Slater Drive  
Elmwood Park, New Jersey 07407

REFURBISHED PRODUCTS CARRY A SEPARATE WARRANTY, THIS WARRANTY DOES NOT APPLY. FOR DETAILS OF REFURBISHED PRODUCT WARRANTY, PLEASE REFER TO THE REFURBISHED PRODUCT WARRANTY INFORMATION PACKAGED WITH EACH REFURBISHED PRODUCT.

For customer use:

Enter below the Model No. and Serial No. which is located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

Model No.: \_\_\_\_\_

Serial No.: \_\_\_\_\_

Purchase date: \_\_\_\_\_

Name of dealer: \_\_\_\_\_

# Specifications

## Amplifier Section

**Output Power** 55 watts per channel, min. RMS at 6 ohms at 1 kHz,  
with no more than 3% total harmonic distortion.

Input Sensitivity/Impedance (1 kHz)

AUX 300 mV/50 kohms

Speaker terminals 6 - 16 ohms

## Cassette Deck Section

Frequency Response

Type II (CrO<sub>2</sub>) : 50 - 14,000 Hz

Type I (NORMAL) : 50 - 14,000 Hz

Wow And Flutter 0.15% (WRMS)

## CD Automatic Changer Section

CD Capacity 3 discs

Dynamic Range 85 dB

Signal-To-Noise Ratio 90 dB

Wow And Flutter Unmeasurable

## Tuner Section

FM Tuner

Tuning Range 87.5 - 108.0 MHz

AM Tuner

Tuning Range 530 - 1,710 kHz

Dimensions 265 × 315 × 340 mm (W/H/D)  
(10-7/16 × 12-7/16 × 13-7/16 inches)

Mass 7.2 kg (15.9 lbs)

## Speaker Specifications

### SP-D302

Type 2-way, 2-speaker bass-reflex type

Speaker

Tweeter 5 cm (2 inches) cone × 1

Woofer 12 cm (4-3/4 inches) cone × 1

Power Handling Capacity 60 W

Impedance 6 ohms

Frequency Range 50 Hz - 20,000 Hz

Sound Pressure Level 90 dB/w • m

Dimensions 215 × 315 × 230 mm (W/H/D)  
(8-1/2 × 12-7/16 × 9-1/16 inches)

Mass 3.3 kg (7.3 lbs)

## Accessories

AM Loop Antenna (1)

Remote Control (1)

Batteries R6P (SUM-3)/AA (15F) (2)

FM Wire Antenna (1)

## Power Specifications

Power Requirements AC 120 V<sup>~</sup>, 60 Hz

Power Consumption 95 watts

9 watts (in standby mode)

*Design and specifications are subject to change without notice.*

# JVC

VICTOR COMPANY OF JAPAN, LIMITED